Makes the Difference

BARIGO

P E N T A

Operating Instructions

Thank you for deciding for a high quality product from our company.

Your new BARIGO PENTA is an easy to use precision instrument. We have described the functions in detail on the following pages.

Please carefully read through this operating manual and get to know the different functions of the BARIGO PENTA. Save this manual for later reference.

We practice environment protection. For this reason, you will receive the detailed operating manual on a CD-ROM.

We wish you a lot of fun with your new BARIGO PENTA.

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Safety instructions

Use

The BARIGO PENTA is intended as a chronometer with additional functions for weather forecast, as a compass, altimeter and thermometer. It is not ideal for commercial areas of application.

Danger for children:

- The batteries can be life-threatening if swallowed. Thus, store your batteries and your BARIGO PENTA so that it cannot be handled by small children. If a battery is swallowed, medical help is immediately required.

- Keep children away from the packaging!
  There is a risk of suffocation!

Correct handling of batteries:

- Before inserting the battery, make sure that the contacts in the BARIGO PENTA are clean and clean them if needed!
- Only use a new battery!
- Pay attention to the polarity (+/-) when inserting the battery!
- Never try to recharge batteries! There is a risk of explosion!
- Store the batteries in a cool, dry place! Direct heat may damage the batteries. Thus, do not expose the BARIGO PENTA to any strong heat sources!
- Do not short-circuit the battery!
- Never throw the battery into a fire!

- If you do not use the BARIGO PENTA for a longer period of time, remove the battery!

- Immediately remove a leaking battery form the BARIGO PENTA! Clean the contacts with a dry towel before you insert a new battery! There is the danger of receiving an acid burn through the battery acid!

- Also remove an empty battery from the BARIGO PENTA!

- Please do not throw away empty batteries in normal waste, but rather dispose of them properly!

- Only use the battery type specified in the technical data!

Basic functions

Your BARIGO PENTA is equipped with five function buttons (S1-S5) and the following displays (A1-A5): Weather forecast, compass, altimeter, thermometer and alarm.

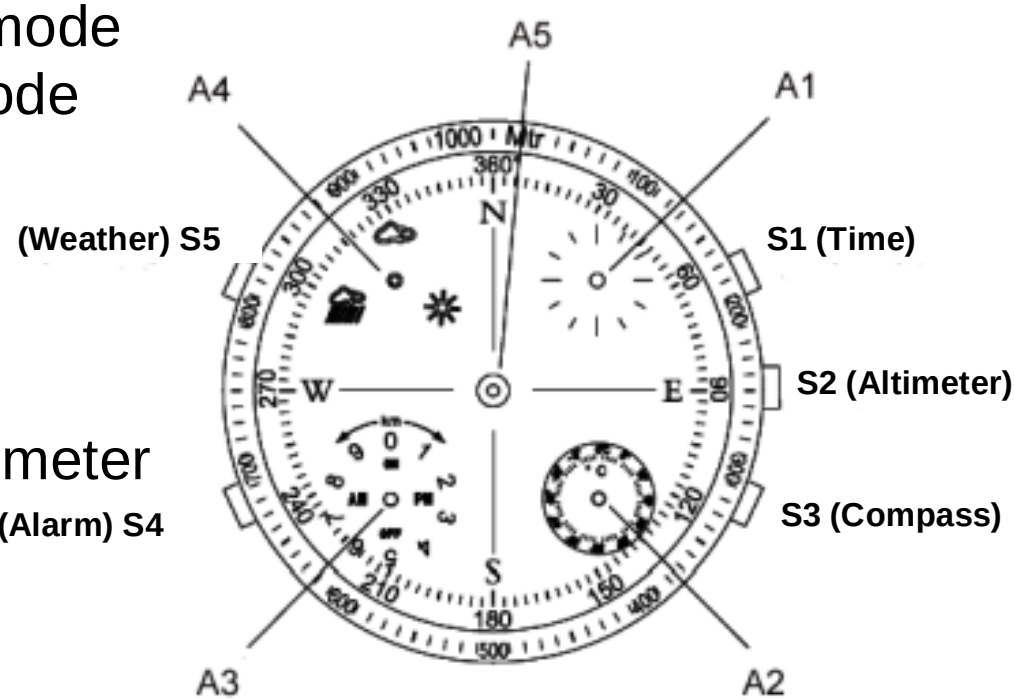
A1 - current time in watch mode
- alarm time in alarm mode

A2 - Temperature

A3 - AM/PM in time mode
- on/off in alarm mode
- Elevation x 1 km in altimeter mode

A4 - Weather forecast

A5 - Seconds in time and alarm mode
- Compass in compass mode
- Elevation in altimeter mode

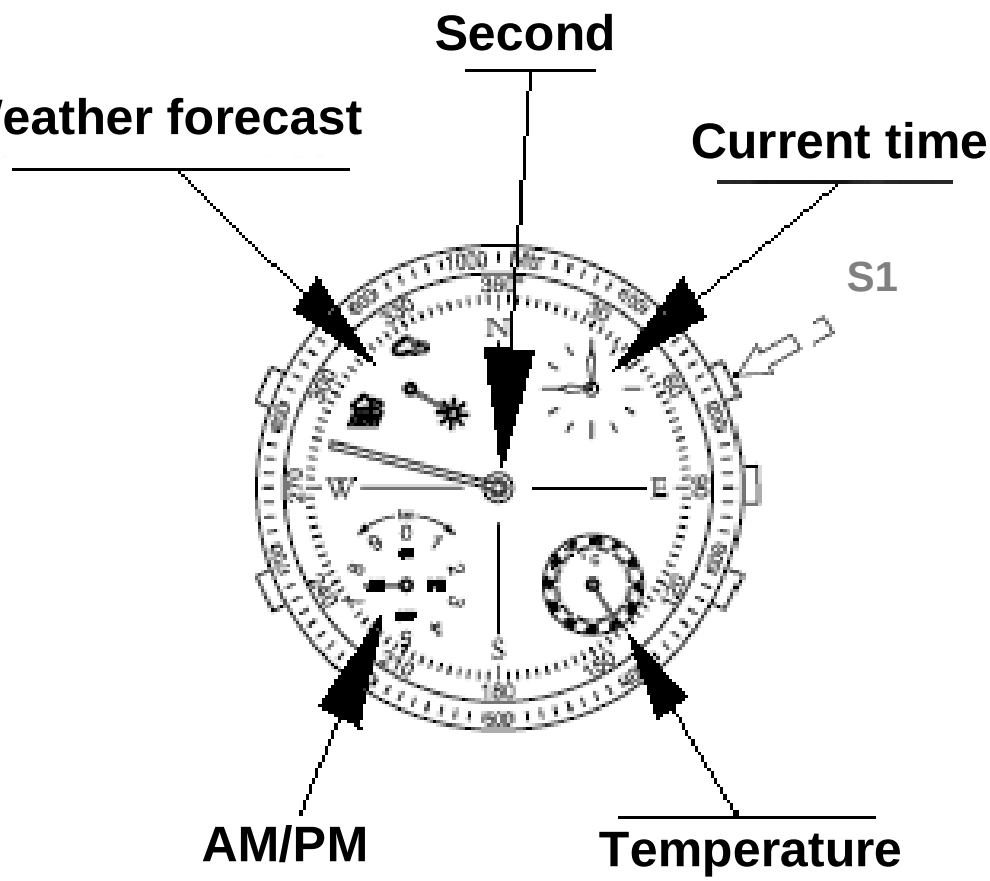


The individual modes

The watch mode

Press the **S1** button to display the current time in the weather, compass, alarm or altimeter mode.

You will hear a single signal tone and now you can read the information displayed in the adjacent display.



Pressing the following buttons has the following functions in the watch mode:

S1 – press and hold to set the time
S2 – to go to the altimeter mode
S3 – to go to the compass mode
S4 – to go to the alarm mode
S5 – to go to the weather forecast

Setting the time
The following steps are required for setting the time in the watch mode:

1. Press the **S1** button for two seconds until you hear a double signal tone. The minute hand in **A1** will change to the 12-o'clock position, while the second hand **A5** will move to the 60 second position. – Continue with point 3.
2. If the second hand does not automatically move to the 60-second position (12 o'clock), press the **S2** button in order to manually move it to this position *(to move forward faster = keep*

*pressing **S2**, to move forward in seconds = press **S2** repetitive-ly).*

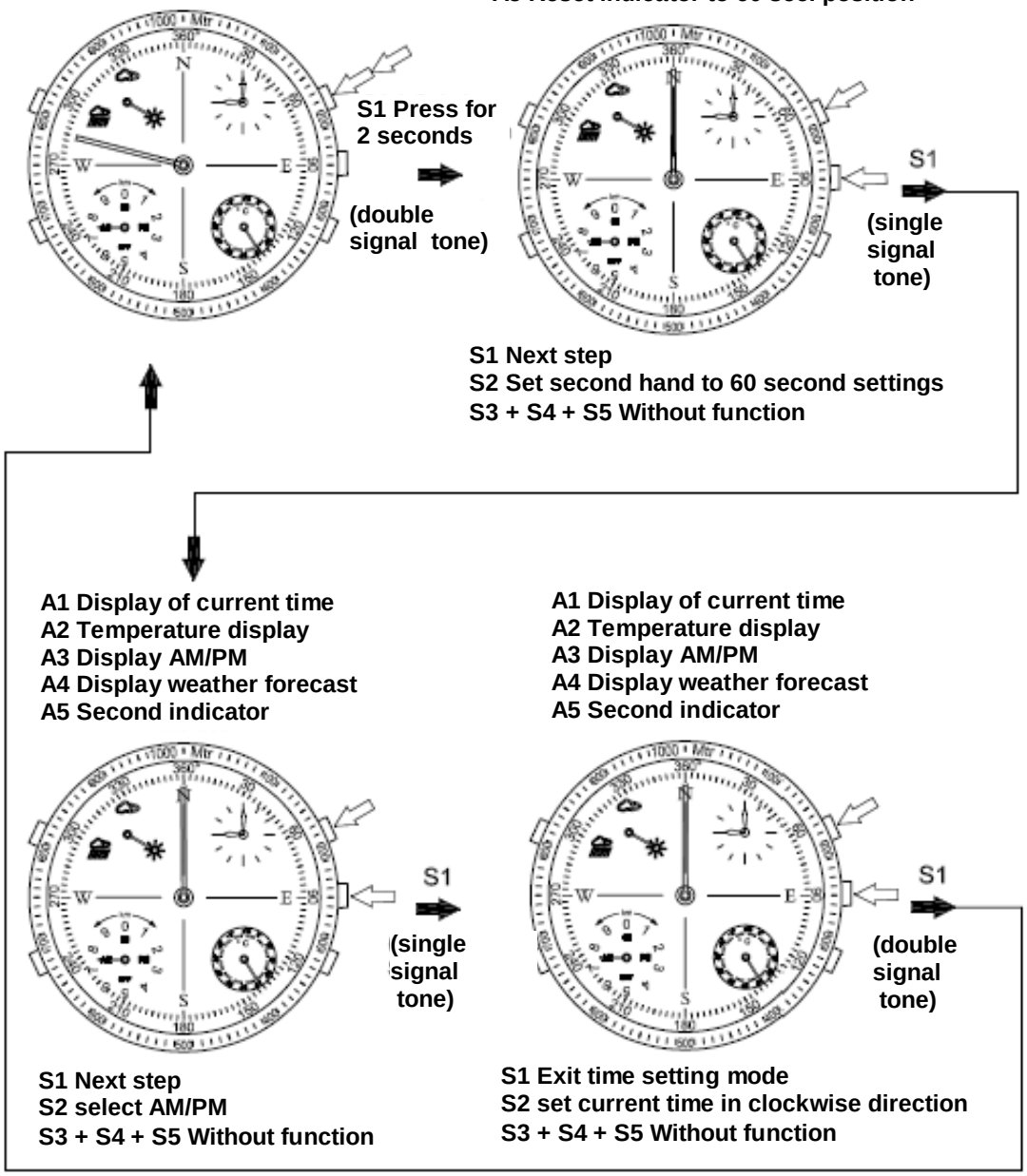
3. Press the **S1** button (single signal tone) for the next step.
4. Press the **S2** button for AM or PM.
5. Press the **S1** button (single signal tone) for the next step.
6. Press the **S2** button to set the current time. To move quicker, hold **S2.**
7. Press the **S1** button (double signal tone) to complete the setting mode for the time.

The BARIGO PENTA automatically leaves the setting mode if no button is pressed for 2 to 3 minutes. We recommend moving the second hand in the setting mode to the 60-second position to get an exact time setting.

Tip: We recommend setting the BARIGO PENTA to a time signal (for example, radio or television). Prepare for the time setting of your BARIGO PENTA so that you just have to press the **S1** button to complete the setting mode when the time signal rings in the radio or television (normally on the hour).

Programming process in watch mode

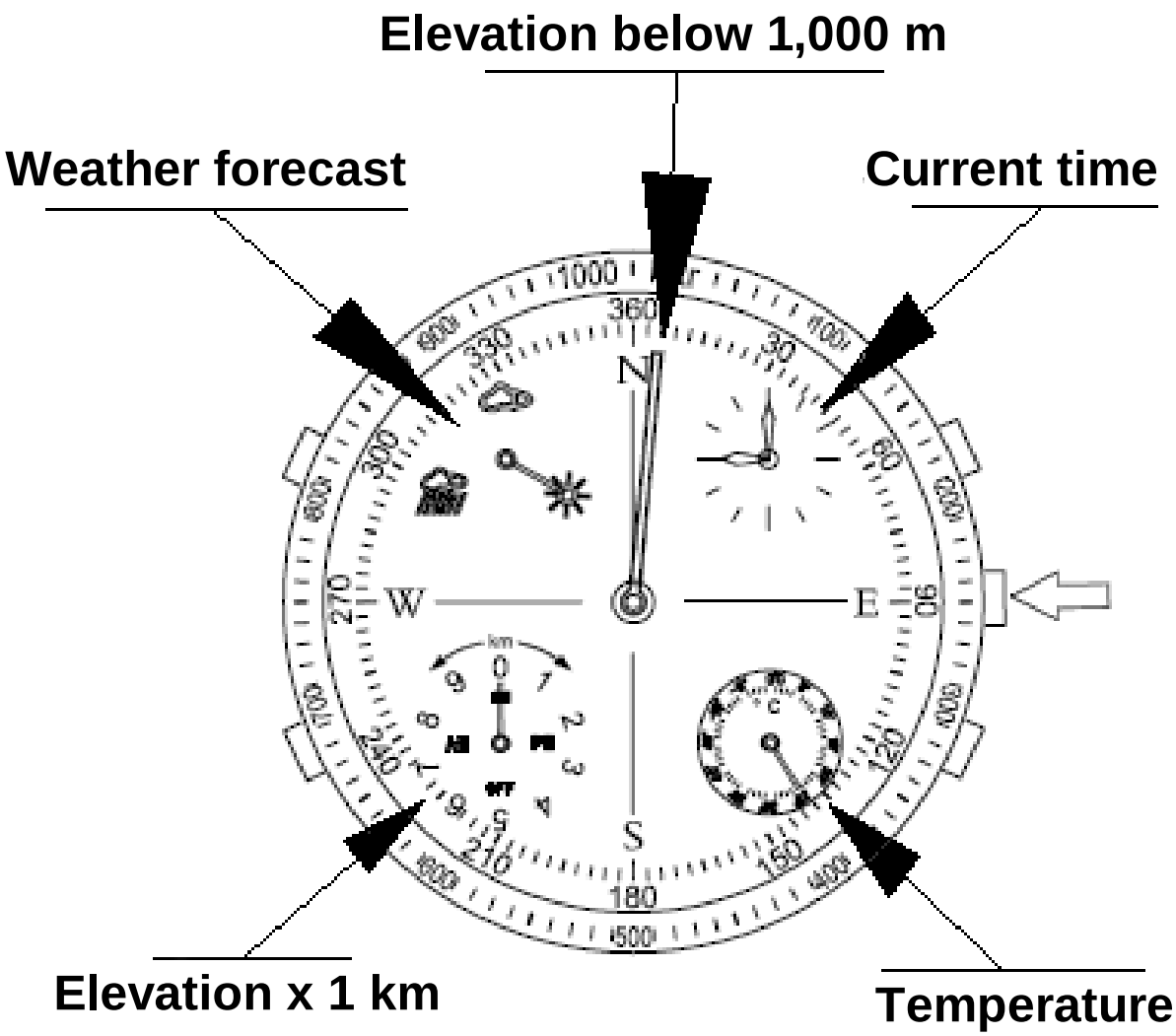
Watch mode



The altimeter mode

Press the **S2** button to view the elevation in the time, weather, compass or alarm mode.

You will hear a single signal tone and now you can read the information displayed in the adjacent display.



Pressing the following buttons has the following functions in the altimeter mode:

S1 – to go to the current time mode
S2 – **press and hold for the altimeter setting mode**
S3 – to go to the compass mode
S4 – to go to the alarm mode
S5 – to go to the weather forecast

Calibration mode for the altimeter
In Altimeter mode, do the following steps*:*

1. Press and hold **S2** for 2 seconds (Dual tone). **A1** shows the current time. **A2** shows the temperature. **A3** will indicate local altitude *x 1 km*. **A4** shows the weather forecast. **A5** will move close to 60 seconds position.

2. Press **S1** to adjust **A5** hand to move to 60 seconds position.

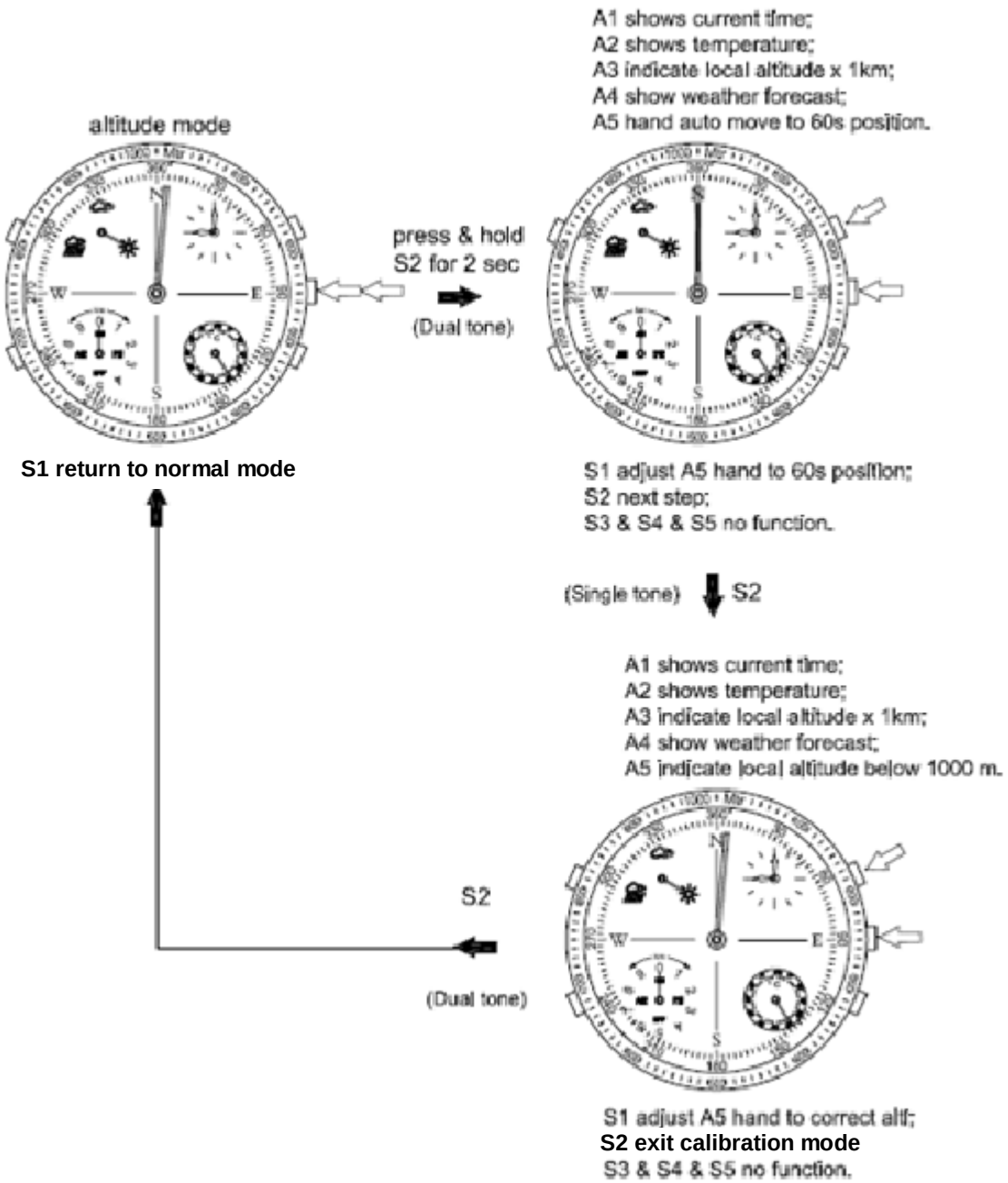
3. Press **S2** (single tone) for next step.

4. Press **S1** to adjust **A5** hand to correct Altitude Press and hold **S1** to fast adjust. **A3** hand will auto adjust relative to **A5** hand. When **A5** hand is moved 1 complete rotation, the **A3** hand will have also moved to 1 km.

5. Press **S2** (Dual tone) to exit calibration mode. Press **S1** to return to normal mode.

   The BARIGO PENTA automatically leaves the calibration mode if no button is pressed for 2 to 3 minutes.

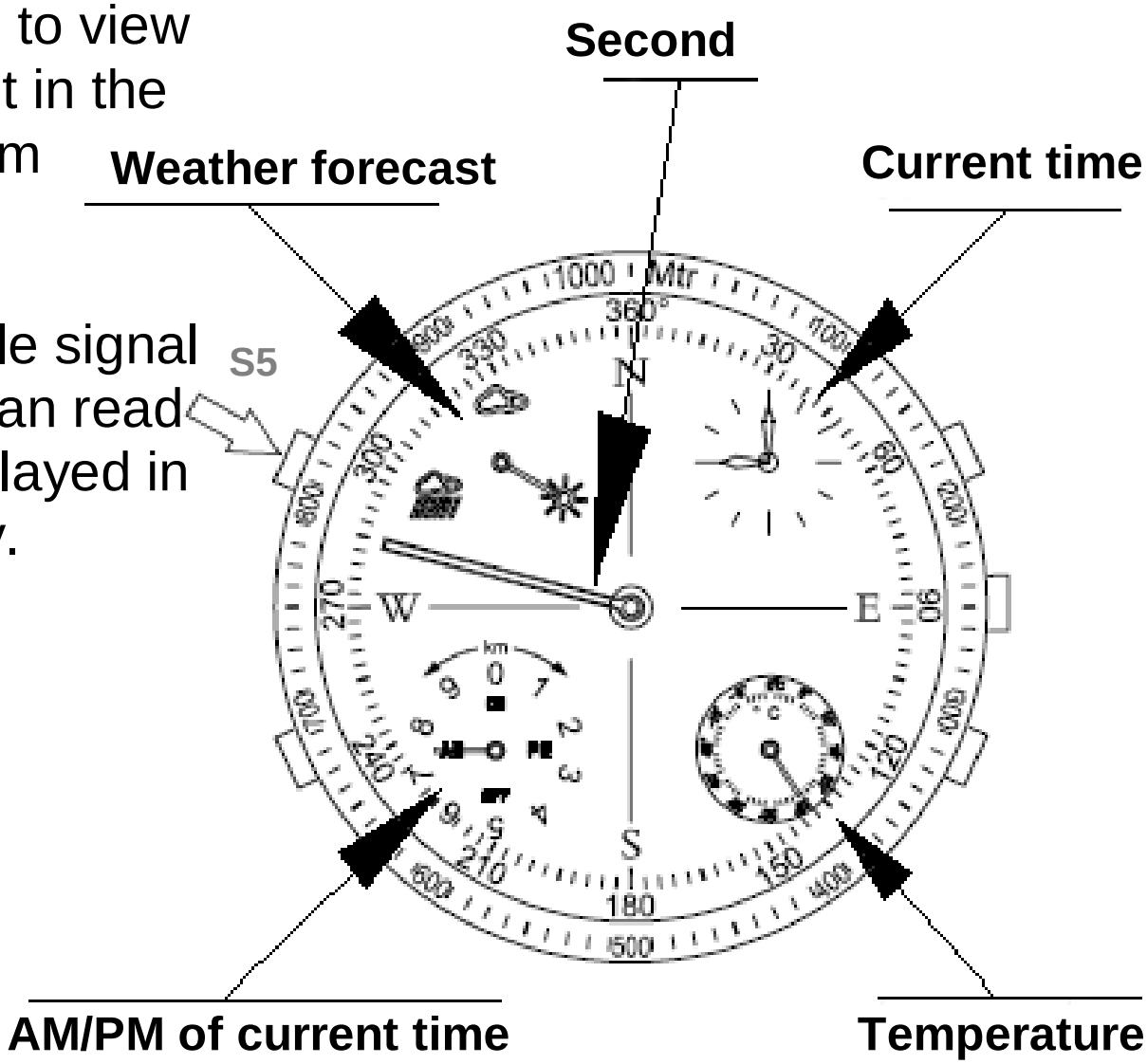
Programming process in the altimeter mode



The weather forecast

Press the **S5** button to view the weather forecast in the time, compass, alarm or altimeter mode.

You will hear a single signal tone and now you can read the information displayed in the adjacent display.



Pressing the following buttons has the following functions in the weather forecast mode:

S1 – to go to the current time mode
S2 – to go to the setting mode for the altimeter
S3 – to go to the compass mode
S4 – to go to the alarm mode
S5 – hold for the weather forecast (calibration)

Calibration mode for the weather forecast
The following steps are required for this in the calibration mode:

1. Press the **S5** button for two seconds until you hear a double signal tone. The **A4** scale displays the current local weather status.

2. Press the **S2** button to correct the weather status.

3. Press the **S5** button (double signal tone) to exit the weather calibration mode.

   The BARIGO PENTA automatically leaves the calibration mode if no button is pressed for 2 to 3 minutes.

Changes in the weather (24 to 48 hour forecast) are automatically displayed by the PENTA.

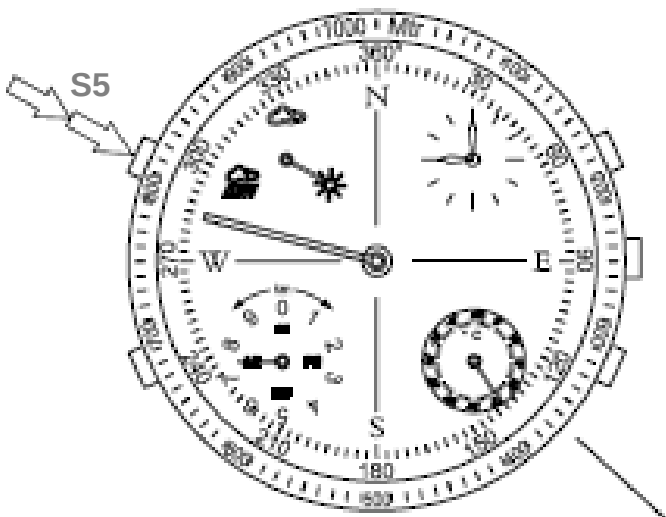
Important information:
Please bear in mind that the weather forecast is only to be understood as a rough guideline on weather developments during the following 24-48 hours.

Due to changes in air pressure resulting from wearing the watch at different altitudes, the basis on which the forecast is made varies continuously. This makes precise forecasts such as those made by stationary weather stations not possible.

Also take into account that the weather symbol displayed on the PENTA does not necessarily represent current weather conditions, but is a forecast of those expected over the next 24-48 hours. This means that the forecasted weather conditions may deviate from the current ones.

Programming process for the weather forecast mode

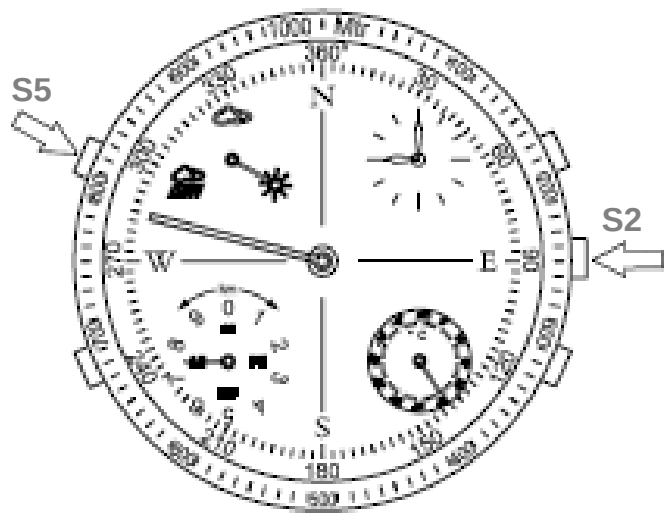
Weather forecast mode



S2 Press for 2 seconds

(double signal tone)

A1 Display current time
A2 Display temperature
A3 Displays AM/PM of the current time
A4 Display local weather status
A5 Display the seconds



S5

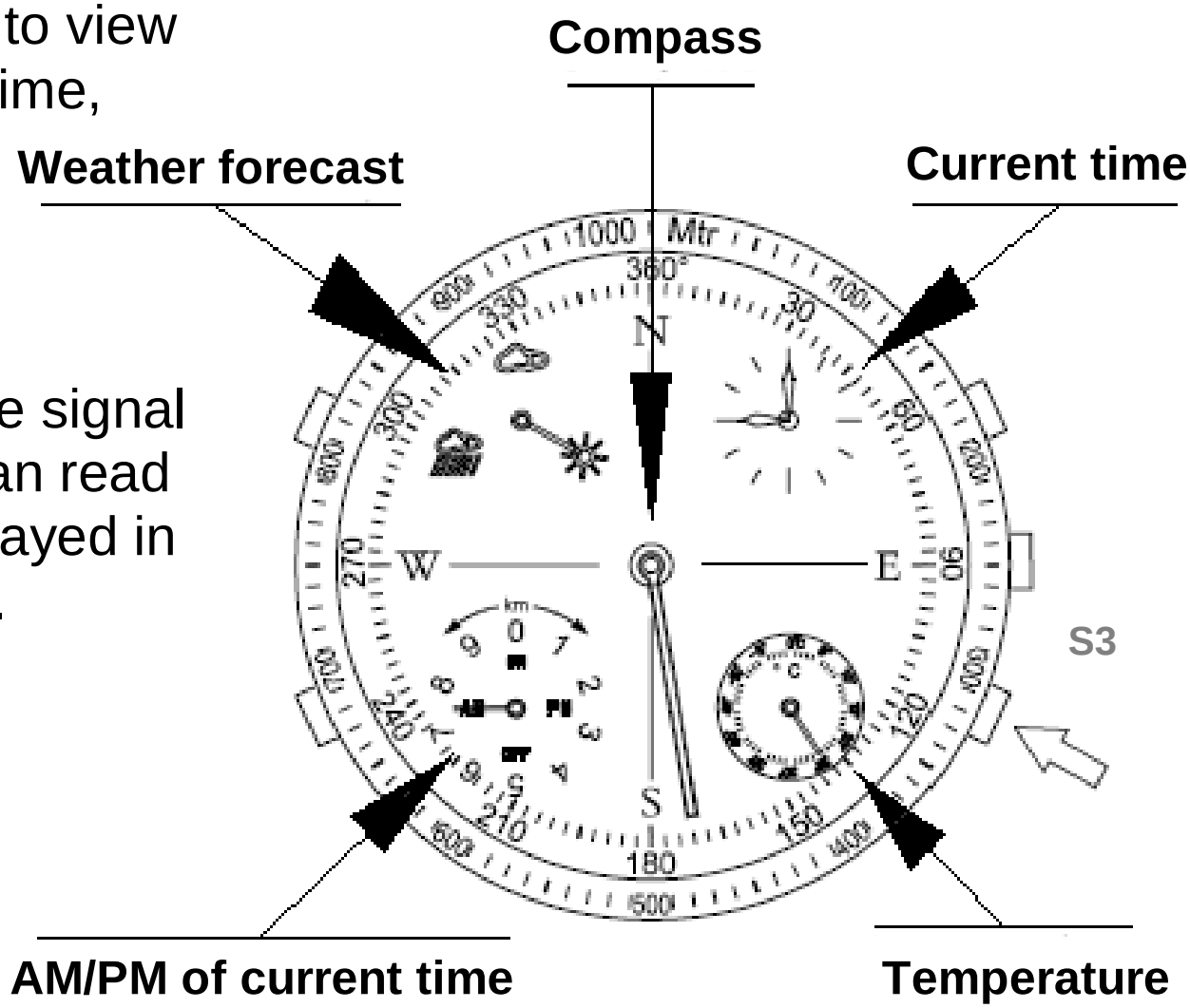
(double signal tone)

S1 Exit settings mode for weather status
S2 Correct weather status
S3 + S4 + S5 Without function

The compass mode

Press the **S3** button to view the compass in the time, weather forecast, alarm or altimeter mode.

You will hear a single signal tone and now you can read the information displayed in the adjacent display.



Pressing the following buttons has the following functions in the compass mode:

S1 – to go to the current time mode
S2 – to go to the setting mode for the altimeter
S3 – hold for the compass mode
S4 – to go to the alarm mode
S5 – to go to the weather forecast

The BARIGO PENTA automatically leaves the compass mode after 30 seconds by changing into the watch mode.
Press the **S3** button again to return to the compass mode.

Calibration mode for the compass
The following steps are required for the compass in the calibration mode:

1. Press the **S3** button for two seconds until you hear a double signal tone. The indicator **A5** will automatically move to the "zero" position (= N/360°). If the indicator is not at the zero position, continue to the next step.

2. Press **S2** to set the indicator **A5** to the zero position. To move quicker, hold the **S2** button.

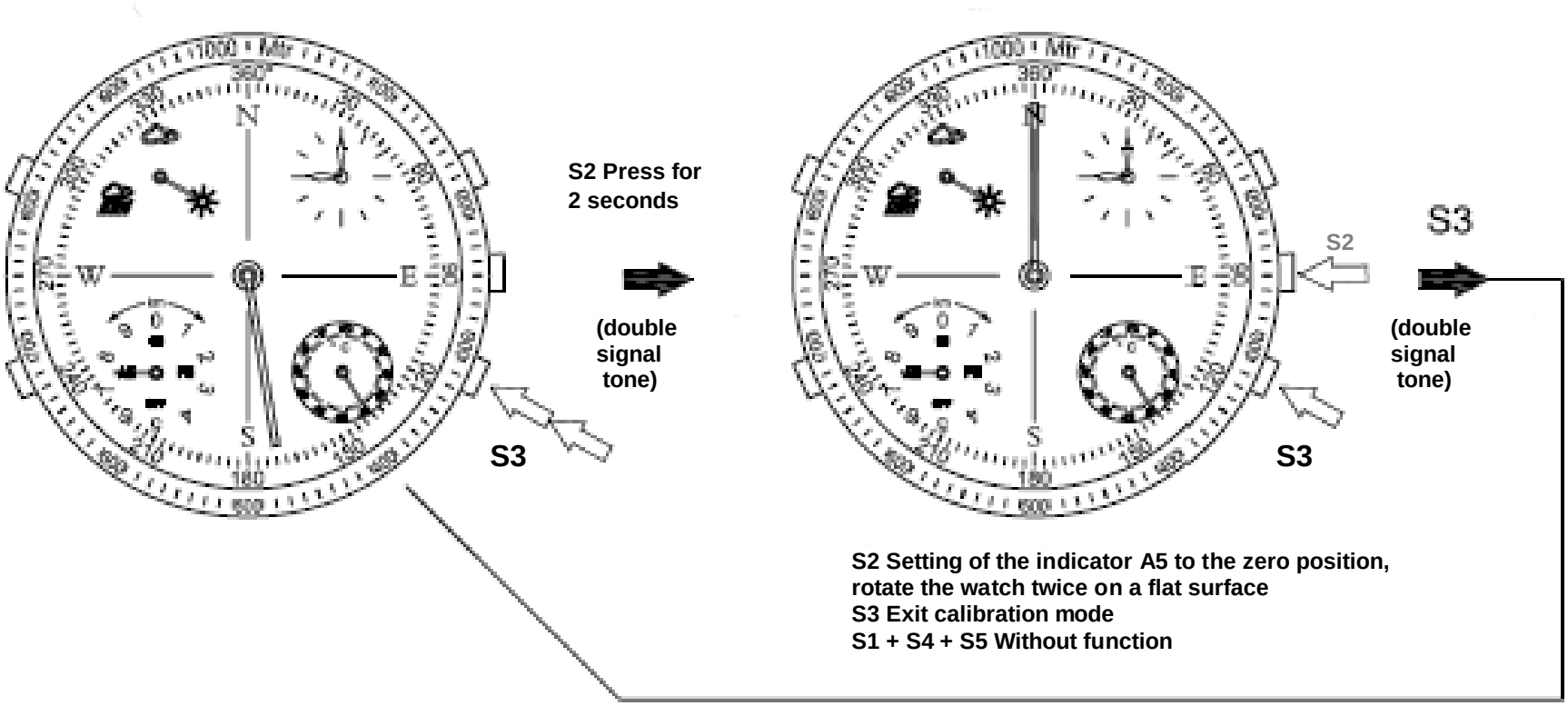
3. Place the BARIGO PENTA on a level surface and rotate the BARIGO PENTA 360° twice within 30 seconds.

4. To exit the calibration mode, press the **S3** button. The BARIGO PENTA automatically leaves the calibration mode after a minute and changes to the compass mode.

Programming process in the compass mode

A1 Display current time
A2 Display temperature
A3 Display AM/PM
A4 Display local weather status
A5 Moves the indicator to the zero degree position (= N/360)

Compass mode

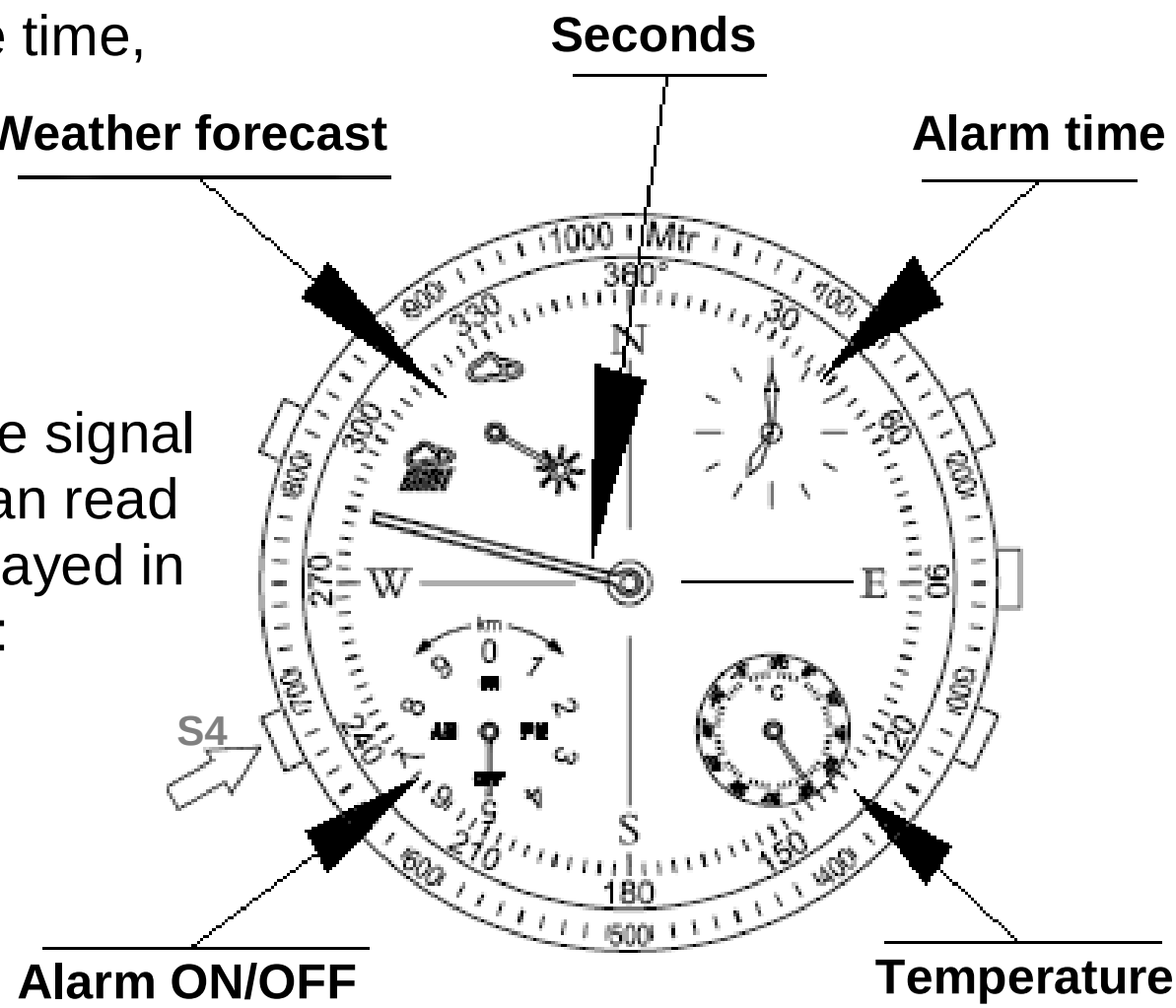


S2 Setting of the indicator A5 to the zero position, rotate the watch twice on a flat surface
S3 Exit calibration mode
S1 + S4 + S5 Without function

The alarm mode

Press the **S4** button to view the alarm time in the time, weather forecast, compass or altimeter mode.

You will hear a single signal tone and now you can read the information displayed in the adjacent display:



Pressing the following buttons has the following functions in the alarm mode:

S1 – to go to the current time mode
S2 – to go to the altimeter mode
S3 – to go to the compass mode
S4 – to turn the alarm ON/OFF
S5 – to go to the weather forecast

The BARIGO PENTA automatically leaves the alarm mode after 30 seconds by changing the display to the current time. After resetting the BARIGO PENTA, the alarm is preset to OFF. The maximum length of the alarm signal tone is 20 seconds.

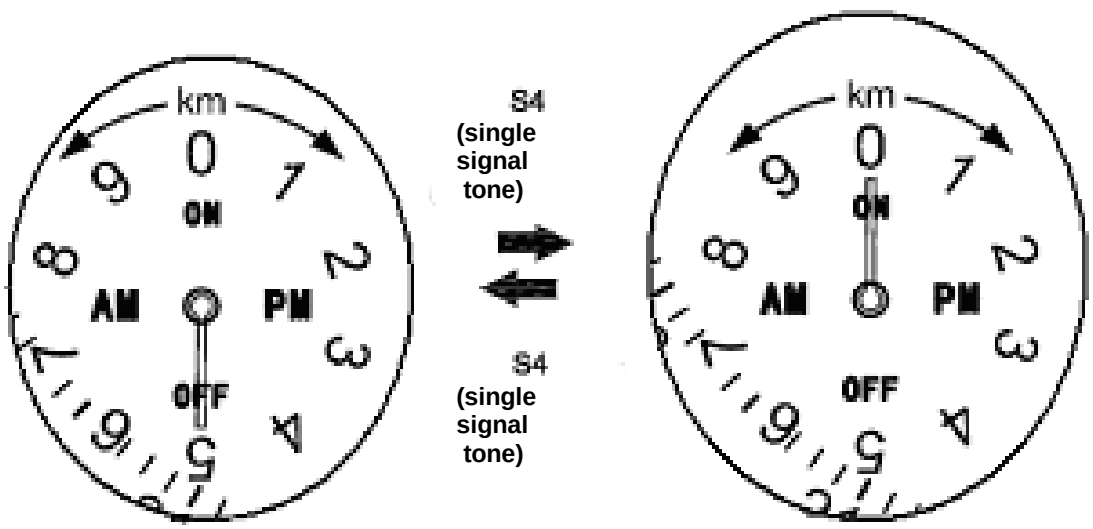
To turn off the alarm signal tone, press any button, however, without activating any other button function. In the time setting, compass calibration and alarm setting modes, the alarm signal tone is disabled.

Turn alarm ON/OFF

You can turn the alarm ON or OFF by pressing the **S4** button in the alarm mode.

The following image shows the setting of the indicator from the scale **A4** for an alarm that is turned ON and OFF.

After successfully setting the alarm (ON or OFF), press **S1** to exit.
To set the alarm, follow the settings on *Page 27*.



Alarm OFF **Alarm ON**

Setting mode for the alarm

The following steps are required for this in the alarm mode:

1. Press the **S4** button for two seconds until you hear a double signal tone. The indicator from the scale **A3** will move towards AM or PM.
   (AM = *ante meridiem* "morning" 0:00 - 12:00,
   PM = *post meridiem* "afternoon“ 12:00-24:00)
2. In order to select AM or PM, press the **S2** button.
3. Press the **S4** button (single signal tone). The indicator of the scale **A1** will move to the currently set alarm time.
4. Press the **S2** button to set the desired alarm time. To move quicker, hold **S2.**
5. Press the **S4** button (double signal tone) to exit the setting mode for the alarm time.

The BARIGO PENTA automatically leaves the alarm setting mode and changes to the alarm mode if no button is pressed for 2 to 3 minutes. After leaving the alarm setting mode, the alarm function is turned ON.

Programming process for setting the alarm mode

Alarm mode

S2 Press for 2 seconds

(double signal tone)

A1 Move minute hand to the 12 o'clock position
A2 Display temperature
A3 Move to AM or PM
A4 Display weather status
A5 Displays seconds

S2 Select AM/PM
S2 Next step
S1 + S3 + S5 Without function

S4 (single signal tone)

A1 Show alarm time
A2 Display temperature
A3 Show AM or PM
A4 Display weather status
A5 Displays seconds

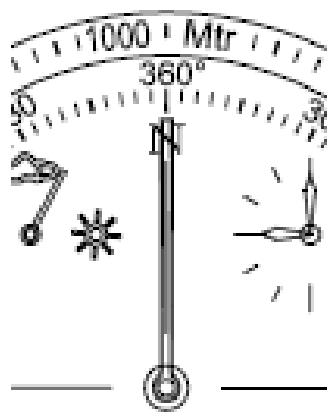
S4 (double signal tone)

S2 Setting the alarm time in a counterclockwise direction
S4 Exit alarm setting mode
S1 + S3 + S5 Without function

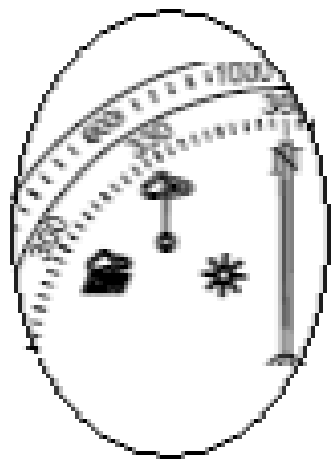
The reset mode

The following steps should be executed to return the BARIGO PENTA to factory settings:
The settings in the reset mode occur according to the following sequence: **A5 → A4 → A1 → A2 → A3**

1. You can reset the BARIGO PENTA by simultaneously pressing the **S1, S2, S3, S4** and **S5** buttons. Here it does not matter which mode the BARIGO PENTA is currently in. You will hear a long signal tone and all indicators will stop.
2. Press the **S1** button to set the indicator **A5** clockwise to the position N/360°. To move quicker, hold the **S1** button. By pressing the **S3** button, you can move the indicator counter-clockwise. Hold the **S3** button to move quicker in a counterclockwise direction.

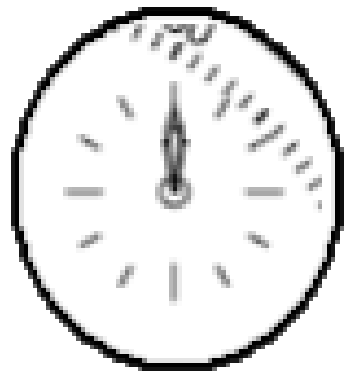


3. Press the **S5** button (single signal tone) in order to set the indicator of the **A4** scale.
4. Press the **S1** or **S3** button in order to set the indicator of the scale **A4** to the “overcast” position.

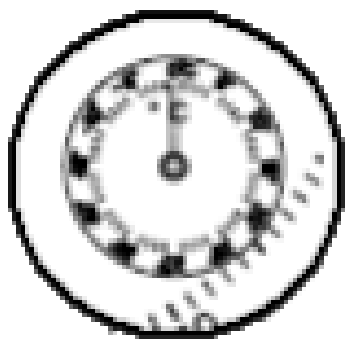


5. Press the **S5** button (single signal tone) in order to set the indicator of the **A1** scale.
6. Press the **S1** or **S3** button in order to set the indicator of the **A1** scale to the “12 o’clock” position. Press the **S1** button to set the indicator clockwise. To move quicker, hold the **S1** button. By pressing the **S3** button, you can move the indicator counter-

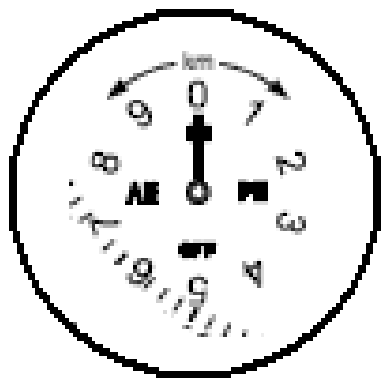
clockwise. Hold the **S3** button to move quicker in a counter-clockwise direction.



7. Press the **S5** button (single signal tone) in order to set the indicator of the **A2** scale.
8. Press the **S1** or **S3** button in order to set the indicator of the **A2** scale to 0°C.



9. Press the **S5** button (single signal tone) in order to set the indicator of the **A3** scale.
10. Press the **S1** or **S3** button in order to set the indicator of the **A3** scale to the “0” position.



11. Press the **S4** button (long signal tone) in order to leave this setting mode and to change to the display mode of the current time.

    Changing the battery will always cause a reset.

Care and maintenance

Water resistance:

The BARIGO PENTA is waterproof up to a pressure of **5 bar.**

water-resistant					
For example	**Washing Rain**	**Bathing**	**Showering**	**Swimming Snorkeling**	**Diving**
3 bar	✓				
5 bar	✓	✓			
10 bar	✓	✓	✓	✓	
20 bar	✓	✓	✓	✓	✓

The BARIGO PENTA is waterproof up to 5 bar for the activities listed in the table.

It is not suitable as a diving watch!

Battery change:
If the BARIGO PENTA stops working or the display becomes inaccurate, we recommend having the battery changed by an authorized service workshop or a retail specialist (battery type: CR 2032). - To change the batteries, first unscrew the cover on the rear using a coin and carefully remove the white, protective foil. Now press a finger on the securing plate that holds the battery in place, turning it clockwise until both ends spring out of the slots and release the battery so that it can be taken out. After a change of battery the watch functions will not start up automatically. Press the **S4** button to restart the watch. *It is important that you follow the steps described in "The reset mode" on page 30 after changing the battery.*

Important: Do not leave an empty battery in the BARIGO PENTA for a long period of time, because they outgas and may damage the BARIGO PENTA.

Please note:
If one or more of the hands of your BARIGO PENTA make uncontrolled movements, this indicates that battery power is low - this is not a defect. In this case a change of battery is necessary!

Care tips and general information:

- Never open the casing yourself.
- The BARIGO PENTA is protected from impacts that may occur when it is worn as designated.
- Do not expose the BARIGO PENTA to any extreme temperature changes in order to avoid the formation of condensation.
- Magnetic fields can cause fluctuations in the time measurement and compass direction.

Guarantee

We offer a **two year guarantee** from the purchase date. We provide a guarantee of one year from the purchase date for a BARIGO PENTA purchased abroad.

The BARIGO PENTA was manufactured according to the newest manufacturing methods and was subject to precise quality control. We guarantee the proper condition of this article.

We will repair all material or manufacturing errors within the guarantee period free of charge. Damages that are caused by improper handling (like the breakage of glass), wear parts (like the wrist strap) and consumable materials are excluded from the guarantee.

Button functions

The following table provides an overview of the individual button functions in the respective modes from the BARIGO PENTA.

Mode ▼ / Button ▶	**S1** (time)	**S2** (elevation)	**S3** (compass)	**S4** (alarm)	**S5** (weather)
Time mode	Hold to change the time, button sound	Altimeter mode, button sound	Compass mode, button sound	Alarm mode, button sound	Weather forecast mode, button sound
Set time	Next setting step and leave after completion, button sound	Setting in a clockwise direction, button sound	Button sound	Button sound	Button sound
Altimeter mode	Current time mode, button sound	Hold to calibrate, button sound	Compass mode, button sound	Alarm mode, button sound	Weather forecast mode, button sound

Mode ▼ / Button ▶	**S1** (time)	**S2** (elevation)	**S3** (compass)	**S4** (alarm)	**S5** (weather)
Elevation calibration	Setting in a clockwise direction, button sound	To exit after completion	Button sound	Button sound	Button sound
Compass mode	Current time mode, button sound	Altimeter mode, button sound	Hold to calibrate, button sound	Alarm mode, button sound	Weather forecast mode, button sound
Compass calibration	Button sound	Set indicator A5 to “zero degrees” Button sound	Next setting step and leave after completion, button sound	Button sound	Button sound
Alarm mode	Current time mode, button sound	Altimeter mode, button sound	Compass mode, button sound	Hold to set the time, button sound	Weather forecast mode, button sound

Mode ▼ / Button ▶	**S1** (time)	**S2** (elevation)	**S3** (compass)	**S4** (alarm)	**S5** (weather)
Set Alarm	Button sound	Setting in a clockwise direction, button sound	Button sound	Next setting step and leave after comple-tion, Button sound	Button sound
Weather forecast mode	Current time mode, button sound	Altimeter mode, button sound	Compass mode, button sound	Alarm mode, button sound	Hold to calibrate, button sound
Weather calibration	Button sound	Setting in a clockwise direction, button sound	Button sound	Button sound	To exit after completion

Dear Customer,

BARIGO is constantly working on the further development of all types and models.

Please understand that changes to the scope of delivery in the form, equipment and technology are possible at all times. Thus, no claims can be derived from the information, images and descriptions in this operating manual.

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Subject to changes.

Technical data

Waterproof:	up to 5 bar
Ambient temperature:	-15°C to 45°C
Battery:	CR2032 Lithium 3V
Altimeter:	0 m to +9,000 m
Thermometer:	-15°C to 45°C
Compass:	Resolution 0° to 360°
Dimensions:	Casing: Ø 45 mm Clock face: Ø 40 mm Height of the casing: 16 mm Net weight: 125 g

Accessories

Rubber wrist strap (article no. 11-55), available where you purchased your PENTA.

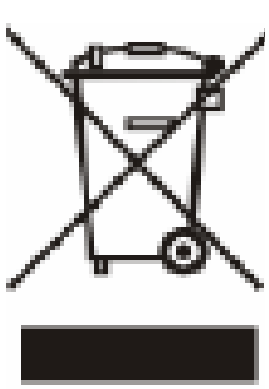
Recycling and Disposal

Batteries do not belong to normal waste. As a consumer, you are obligated to return old batteries for environment-friendly disposal. You can drop off old batteries at public collecting stations in your community or everywhere where such batteries are sold.

This device and its packaging were created from materials that can be disposed of in an environmentally-friendly manner and can be returned for proper recycling.

After use, the device will be accepted so that it can be reused or recycled provided it is returned in a condition that corresponds with proper use. Non-recyclable parts will be disposed of properly.

If you have questions about disposal, please contact your point of sale or our service department.



Disposal of electrical and electronic devices (applicable in the European Union and other European States with systems for the separate collection of materials)

This symbol on the product or on its packaging indicates that the product may not be disposed of together with normal waste. Instead, it must be dropped off at a collecting station designated for the recycling of electrical and electronic devices. Through the proper disposal of this device, you are helping to avoid possible negative effects on the environment and health, which could occur if the device is disposed of in an improper manner. The recycling of materials contributes to the preservation of natural resources. More information about the recycling of old devices can be obtained by your communal administration, your waste disposal company or by the retail specialist you purchased the device from.

CE

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